PATENT APPLICATION FEE DETERMINATION RECORD

Effective December 29, 1999

Application or Docket Number

632452

CLAIMS AS FILED - PART I					SMALL ENTITY			OTHER THAN		
FOR			olumn 1)		(Column 2)		TYPE		SMALL ENTITY	
FOR		NUMBE	R FILED	NUMBER	EXTRA	RATE	FEE		RATE	FEE
BASIC FEE							345.00	OR		690.00
TC	OTAL CLAIMS	45	minus 2	20= * 25		X\$ 9=		OR	X\$18=	450.°°
INDEPENDENT CLAIMS 3 = *					X39=		OR	X78=		
MULTIPLE DEPENDENT CLAIM PRESENT					+130=		OR	+260=		
* If	the difference in co	lumn 1 is	less than ze	ero, enter "0" in o	column 2	TOTAL		OR	TOTAL	14000
	CLAIN	MS AS A	MENDED	- PART II		•			OTHER	THAN
		lumn 1)		(Column 2)	(Column 3)				SMALL	ENTITY
AMENDMENT A	REI AME	MAINING AFTER NDMENT		NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
NON		# O	Minus	- 45	=16	X\$ 9=		OR	X\$18=	288
AME	Independent + FIRST PRESENTATI		Minus	PENDENT CLAIM	=2	X39=		OR	X78=	160
						+130=		OR	+260=	
						TOTAL ADDIT, FEE		OR	TOTAL ADDIT, FEE	-
						ADDIT. I EE		, ,	ADDII. FEET	
	(Cc	lumn 1)		(Column 2)	(Column 3)					
ENT B	REI	Diumn 1) CLAIMS MAINING AFTER ENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
	REI	LAIMS MAINING AFTER	Minús	HIGHEST NUMBER PREVIOUSLY	PRESENT	RATE X\$ 9=	TIONAL	OR	RATE X\$18=	
	Total + (LAIMS MAINING AFTER ENDMENT	Minus	HIGHEST NUMBER PREVIOUSLY PAID FOR ** ***	PRESENT EXTRA		TIONAL			TIONAL
AMENDMENT B	AME Total	LAIMS MAINING AFTER ENDMENT	Minus	HIGHEST NUMBER PREVIOUSLY PAID FOR ** ***	PRESENT EXTRA	X\$ 9= X39=	TIONAL	OR OR	X\$18= X78=	TIONAL
	Total + (LAIMS MAINING AFTER ENDMENT	Minus	HIGHEST NUMBER PREVIOUSLY PAID FOR ** ***	PRESENT EXTRA	X\$ 9= X39= +130=	TIONAL		X\$18= X78= +260=	TIONAL
	Total + (LAIMS MAINING AFTER ENDMENT	Minus	HIGHEST NUMBER PREVIOUSLY PAID FOR ** ***	PRESENT EXTRA	X\$ 9= X39=	TIONAL	OR OR	X\$18= X78=	TIONAL
	Total + (Co	CLAIMS MAINING AFTER ENDMENT ON OF MI	Minus	HIGHEST NUMBER PREVIOUSLY PAID FOR *** *** PENDENT CLAIM (Column 2)	PRESENT EXTRA	X\$ 9= X39= +130= TOTAL	TIONAL	OR OR	X\$18= X78= +260=	TIONAL
C AMENDMENT	Total • (Co	CLAIMS MAINING AFTER ENDMENT ON OF MI	Minus	HIGHEST NUMBER PREVIOUSLY PAID FOR ** *** PENDENT CLAIM	PRESENT EXTRA	X\$ 9= X39= +130= TOTAL ADDIT. FEE	TIONAL	OR OR	X\$18= X78= +260=	TIONAL
C AMENDMENT	Total • (Co FIRST PRESENTATI (Co REI AME Total Total Total	LAIMS MAINING AFTER NDMENT ON OF MI LAIMS MAINING AFTER	Minus	HIGHEST NUMBER PREVIOUSLY PAID FOR *** *** COlumn 2) HIGHEST NUMBER PREVIOUSLY	PRESENT EXTRA =	X\$ 9= X39= +130= TOTAL ADDIT. FEE	ADDI- TIONAL FEE	OR OR	X\$18= X78= +260= TOTAL ADDIT. FEE	ADDI- TIONAL
AMENDMENT	Total Independent FIRST PRESENTATI (Co REA AME Total Independent Independent Independent Independent Independent Independent	ELAIMS MAINING AFTER NDMENT ON OF MI LAIMS MAINING AFTER NDMENT O S MAINING AFTER NDMENT	Minus JLTIPLE DEF	HIGHEST NUMBER PREVIOUSLY PAID FOR *** COlumn 2) HIGHEST NUMBER PREVIOUSLY PAID FOR ** *** *** *** *** *** *** *	PRESENT EXTRA = (Column 3) PRESENT EXTRA	X\$ 9= X39= +130= TOTAL ADDIT. FEE	ADDI- TIONAL FEE	OR OR OR	X\$18= X78= +260= TOTAL ADDIT. FEE	ADDI- TIONAL
C AMENDMENT	Total • (Co FIRST PRESENTATI (Co REI AME Total Total Total	ELAIMS MAINING AFTER NDMENT ON OF MI LAIMS MAINING AFTER NDMENT O S MAINING AFTER NDMENT	Minus JLTIPLE DEF	HIGHEST NUMBER PREVIOUSLY PAID FOR *** COlumn 2) HIGHEST NUMBER PREVIOUSLY PAID FOR ** *** *** *** *** *** *** *	PRESENT EXTRA = (Column 3) PRESENT EXTRA	X\$ 9= X39= +130= TOTAL ADDIT. FEE RATE X\$ 9= X39=	ADDI- TIONAL FEE	OR OR OR OR	X\$18= X78= +260= TOTAL ADDIT. FEE RATE X\$18= X78=	ADDI- TIONAL
AMENDMENT C AMENDMENT	Total + (Continue of the continue of the conti	CLAIMS MAINING AFTER ENDMENT ON OF MI LAIMS MAINING FTER NDMENT ON OF MI	Minus JLTIPLE DEF	HIGHEST NUMBER PREVIOUSLY PAID FOR *** *** COlumn 2) HIGHEST NUMBER PREVIOUSLY PAID FOR *** PENDENT CLAIM	PRESENT EXTRA =	X\$ 9= X39= +130= TOTAL ADDIT. FEE RATE X\$ 9= X39= +130=	ADDI- TIONAL FEE	OR OR OR	X\$18= X78= +260= TOTAL ADDIT. FEE X\$18= X78= +260=	ADDI- TIONAL
AMENDMENT C AMENDMENT	Total Independent FIRST PRESENTATI (Co REA AME Total Independent Independent Independent Independent Independent Independent	LAIMS MAINING AFTER NDMENT ON OF MU LAIMS MAINING AFTER NDMENT ON OF MU Less than the reviously Pa	Minus Minus Minus Minus JLTIPLE DEF	HIGHEST NUMBER PREVIOUSLY PAID FOR *** *** COlumn 2) HIGHEST NUMBER PREVIOUSLY PAID FOR ** PENDENT CLAIM *** PENDENT CLAIM *** *** *** PENDENT CLAIM *** *** *** *** *** *** ***	PRESENT EXTRA =	X\$ 9= X39= +130= TOTAL ADDIT. FEE RATE X\$ 9= X39=	ADDI- TIONAL FEE	OR OR OR OR	X\$18= X78= +260= TOTAL ADDIT. FEE RATE X\$18= X78=	ADDI- TIONAL

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NOTICE OF FILING / CLAIM FEE(S) DUE (CALCULATION SHEET)

APPLICATION NUMBER:	632452		
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Total Fee Calculation								
	Fee Code	Total # Claims	Number Extra	х	Fcc	Fee	•	Total
	Sm./Lg.				Sm. Entity	Lg. Entiry		
Basic Filing Fee	201/101						•	690
Total Claims >20	203/103	45 .20 -	25	x			•	4500
Independent Claim: >3	202/102	<u>3</u> .1.		x			•	
Mult. Dep Claim Present	204/10,4							
Surcharge	205/105					· · · · · · · · · · · · · · · · · · ·	•	130,
English Translation	139							
TOTAL FEE CALCULA	NOITA							
Fees due upon filing d	he application:							
Total Filing Ford Du	177	D)					-	

Total Filing Fees Due = 2 1740° Less Filing Fees Submitted = s_1270° BALANCE DUE

Figure 7

FORM OIPE-RAM-01 (Rev. 12/97)



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PTO/SB/06 (08-03)

Approved for use through 7/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. Application or Docket Number PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875 OTHER THAN CLAIMS AS FILED - PART I OR SMALL ENTITY SMALL ENTITY (Column 2) (Column 1) NUMBER EXTRA NUMBER FILED RATE FEE RATE FEE BASIC FEE (37 CFR 1.16(a)) OR TOTAL CLAIMS (37 CFR 1.16(c)) minus 20 OR INDEPENDENT CLAIMS X \$ (37 CFR 1.16(b)) X \$ minus 3 OR MULTIPLE DEPENDENT CLAIM PRESENT OR TOTAL OR TOTAL * If the difference in column 1 is less than zero, enter "0" in column 2. CLAIMS AS AMENDED - PART II OTHER THAN OR (Column 2) (Column 3) SMALL ENTITY SMALL ENTITY (Column 1) CLAIMS HIGHEST PRESENT RATE RATE ADDI-REMAINING NUMBER ADDI-ENDMENT **EXTRA** TIONAL **AFTER PREVIOUSLY** TIONAL AMENDMENT PAID FOR FEE FEE Minus Total (37 CFR 1.16(c)) OR Minus X S **OR** FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1,16(d)) OR TOTAL TOTAL ADD'L FEE OR ADD'L FEE (Column 1) (Column 2) (Column 3) CLAIMS HIGHEST PRESENT REMAINING RATE ADDI-RATE ADDI-NUMBER PREVIOUSLY **EXTRA** TIONAL TIONAL AMENDMENT AFTER **AMENDMENT** PAID FOR FEE FEE Total Minus (37 CFR 1.16(c)) X \$ OR X \$ Minus Independent (37 CFR 1.16(b)) OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d)) OR TOTAL TOTAL OR ADD'L FEE ADD'L FEE (Column 1) (Column 2) (Column 3) CLAIMS HIGHEST PRESENT RATE RATE ADDI-ADDI-REMAINING NUMBER **EXTRA** TIONAL TIONAL **AMENDMENT** AFTFR PREVIOUSLY PAID FOR **AMENDMENT** FEE FEE Total (37 CFR 1,16(c)) Minus X \$ OR Independent (37 CFR 1.16(b)) X \$ OR X \$ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d)) OR TOTAL ADD'L FEE OR ADD'L FEE

If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
 If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".
 If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".
 The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments

on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.